

General

Title

Acute care prevention of falls: rate of inpatient falls with injury per 1,000 patient days.

Source(s)

Institute for Clinical Systems Improvement (ICSI). Prevention of falls (acute care). Health care protocol. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2010 Apr. 34 p. [48 references]

Measure Domain

Primary Measure Domain

Outcome

The validity of measures depends on how they are built. By examining the key building blocks of a measure, you can assess its validity for your purpose. For more information, visit the [Measure Validity](#) page.

Secondary Measure Domain

Does not apply to this measure

Brief Abstract

Description

This measure is used to assess the number of inpatient falls with injury per 1,000 patient days.

Rationale

The priority aim addressed by this measure is to eliminate all falls with injury through a falls prevention protocol in the acute care setting.

Primary Clinical Component

Acute care; falls with injury; prevention

Denominator Description

1,000 patient days

Numerator Description

Total number of inpatient falls with injury within 1,000 patient days

Evidence Supporting the Measure

Evidence Supporting the Criterion of Quality

A clinical practice guideline or other peer-reviewed synthesis of the clinical evidence

Evidence Supporting Need for the Measure

Need for the Measure

Unspecified

State of Use of the Measure

State of Use

Current routine use

Current Use

Internal quality improvement

Application of Measure in its Current Use

Care Setting

Hospitals

Professionals Responsible for Health Care

Advanced Practice Nurses

Nurses

Physicians

Lowest Level of Health Care Delivery Addressed

Single Health Care Delivery Organizations

Target Population Age

Adults

Target Population Gender

Either male or female

Stratification by Vulnerable Populations

Unspecified

Characteristics of the Primary Clinical Component

Incidence/Prevalence

Current data on fall rates in acute care hospitals are far from complete. In 2007, Massachusetts publicly reported average rates of 3.57 falls/1,000 patient days in hospitals of 200-299 beds, and 4.76 falls/1,000 patient days in hospitals over 500 beds. Injuries from falls were 0.96/1,000 patient days and 0.64/1,000 patient days, respectively, in medical units.

The National Health Service of the United Kingdom reports an average fall rate of 4.8 falls/1,000 patient days nationwide.

Evidence for Incidence/Prevalence

Institute for Clinical Systems Improvement (ICSI). Prevention of falls (acute care). Health care protocol. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2010 Apr. 34 p. [48 references]

Association with Vulnerable Populations

Unspecified

Burden of Illness

Falls are a leading cause of hospital-acquired injury and frequently prolong or complicate hospital stays. Falls are the most common adverse event reported in hospitals.

See also the "Incidence/Prevalence" field.

Evidence for Burden of Illness

Institute for Clinical Systems Improvement (ICSI). Prevention of falls (acute care). Health care

Utilization

Unspecified

Costs

Unspecified

Institute of Medicine (IOM) Healthcare Quality Report Categories

IOM Care Need

Staying Healthy

IOM Domain

Effectiveness

Safety

Data Collection for the Measure

Case Finding

Users of care only

Description of Case Finding

All adult hospitalized patients who fall and have an injury during their hospital stay

Measurement period is monthly. Data will be submitted within one month following collection period.

Denominator Sampling Frame

Patients associated with provider

Denominator Inclusions/Exclusions

Inclusions

1,000 patient days

Exclusions

Unspecified

Relationship of Denominator to Numerator

All cases in the denominator are equally eligible to appear in the numerator

Denominator (Index) Event

Institutionalization

Denominator Time Window

Time window brackets index event

Numerator Inclusions/Exclusions

Inclusions

Total number of inpatient falls with injury within 1,000 patient days

Exclusions

Unspecified

Measure Results Under Control of Health Care Professionals, Organizations and/or Policymakers

The measure results are somewhat or substantially under the control of the health care professionals, organizations and/or policymakers to whom the measure applies.

Numerator Time Window

Fixed time period

Data Source

Medical record

Level of Determination of Quality

Not Individual Case

Outcome Type

Adverse Outcome

Pre-existing Instrument Used

Unspecified

Computation of the Measure

Scoring

Rate

Interpretation of Score

Better quality is associated with a lower score

Allowance for Patient Factors

Unspecified

Standard of Comparison

Internal time comparison

Evaluation of Measure Properties

Extent of Measure Testing

Unspecified

Identifying Information

Original Title

Falls with injury: rate of inpatient falls with injury per 1,000 patient days.

Measure Collection Name

Prevention of Falls (Acute Care) Measures

Submitter

Institute for Clinical Systems Improvement - Nonprofit Organization

Developer

Institute for Clinical Systems Improvement - Nonprofit Organization

Funding Source(s)

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Composition of the Group that Developed the Measure

Work Group Members: John Degelau, MD (Work Group Leader) (HealthPartners Medical Group and Regions Hospital) (Hospitalist/Geriatrician); Rewati Teeparti, MD (HealthPartners Medical Group and Regions Hospital) (Hospitalist/Geriatrician); Penny Louise Flavin, C-FNP (Olmsted Medical Center) (Nurse Practitioner); Lynn Lundquist, RN (Lake Region Healthcare Corporation) (Nursing); Kristin Roers, RN (Park Nicollet Health Services) (Nursing); Kris Leys, MPT (Ridgeview Medical Center) (Physical Therapist); Joann Foreman, RN (Institute for Clinical Systems Improvement) (Facilitator); Jan Schuerman, MBA (Institute for Clinical Systems Improvement) (Facilitator)

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Adaptation

Measure was not adapted from another source.

Release Date

2008 Mar

Revision Date

2010 Apr

Measure Status

This is the current release of the measure.

Source(s)

Institute for Clinical Systems Improvement (ICSI). Prevention of falls (acute care). Health care protocol. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2010 Apr. 34 p. [48 references]

Measure Availability

The individual measure, "Falls with Injury: Rate of Inpatient Falls with Injury per 1,000 Patient Days," is published in "Health Care Protocol: Prevention of Falls (Acute Care)." This document is available from the [Institute for Clinical Systems Improvement \(ICSI\) Web site](#) .

For more information, contact ICSI at, 8009 34th Avenue South, Suite 1200, Bloomington, MN 55425; phone: 952-814-7060; fax: 952-858-9675; Web site: www.icsi.org ; e-mail: icsi.info@icsi.org.

NQMC Status

This NQMC summary was completed by ECRI Institute on June 5, 2009. This NQMC summary was updated by ECRI Institute on July 1, 2010.

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